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U.S. PTO  
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10/813689  
033104

REISSUE PATENT APPLICATION TRANSMITTAL					
ADDRESS TO:			Attorney Docket No.	402973	
Mail Stop Reissue Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450			First Named Inventor	KAISER	
			Original Patent No.	6,578,378	
			Original Patent Issue Date (Month/Day/Year)	June 17, 2003	
APPLICATION FOR REISSUE OF: <input checked="" type="checkbox"/> Utility Patent <input type="checkbox"/> Design Patent <input type="checkbox"/> Plant Patent (Check applicable box)					
APPLICATION ELEMENTS			ACCOMPANYING APPLICATION PARTS		
1. <input checked="" type="checkbox"/> Transmittal Form with Fee 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification and Claims in double column copy of patent format (amended, if appropriate) 4. <input checked="" type="checkbox"/> Drawing(s) (proposed amendments, if appropriate) 5. <input checked="" type="checkbox"/> Reissue Oath/Declaration (original or copy) 6. Original U.S. Patent currently assigned? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If Yes, check applicable box(es))</i> <input checked="" type="checkbox"/> Written Consent of all Assignees <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney			7. <input type="checkbox"/> Statement of status/support for all changes to the claims. See 37 CFR 1.173(c) 8. Original U.S. Patent for surrender <input type="checkbox"/> Ribboned Original Patent Grant <input type="checkbox"/> Statement of Loss (PTO/SB/55) 9. <input checked="" type="checkbox"/> Foreign Priority Claim (35 USC 119) (If applicable) 10. <input type="checkbox"/> Information Disclosure Statement (IDS) <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of Listed Documents 11. <input type="checkbox"/> English Translation of Reissue Oath/Declaration (If applicable) 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard <i>(Should be specifically itemized)</i> 14. <input checked="" type="checkbox"/> Other: Letter Priority Document Attorney's Declaration		

## Instructions for Calculating Claim Fees:

If Total Claims In Patent is greater than 20, use Number Filed In Reissue Application minus Total Claims In Patent; if Claims In Patent is less than 20, use Number Filed In Reissue Application minus 20.

CLAIMS AS FILED - PART 1					
BASIC FEE					\$770
	CLAIMS IN PATENT	NUMBER FILED IN REISSUE APPLICATION	NUMBER EXTRA	RATE	
TOTAL CLAIMS	12	12	0	x\$18.00	\$
INDEPENDENT CLAIMS	2	2	0	x\$86.00	\$
Total of above calculations =					\$
Reduction by 50% for filing by small entity =					(\$ )
TOTAL =					\$770.00

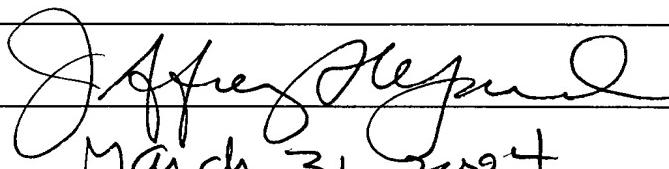
CLAIMS AS AMENDED - PART 2					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	
TOTAL CLAIMS	-			x\$18.00	\$
INDEPENDENT CLAIMS	-			x\$86.00	\$
Total of above calculations =					\$
Reduction by 50% for filing by small entity =					(\$ )
TOTAL =					\$

## REISSUE PATENT APPLICATION TRANSMITTAL

Patent No. 6,578,378  
Attorney Docket No. 402973

18.  Please charge my Deposit Account No. 12-1216 in the amount of \$770.00. A duplicate copy of this sheet is enclosed.
19.  A check in the amount of \$ is enclosed.
20. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216:
- a.  Fees required under 37 CFR 1.16.
  - b.  Fees required under 37 CFR 1.17.

## 21. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number: 23548  23548		<input type="checkbox"/> Jeffrey A. Wyand, Reg. No. 29,458 Leydig, Voit & Mayer 700 Thirteenth Street, N.W., Suite 300 Washington, D.C. 20005-3960 Telephone: (202) 737-6770 Facsimile: (202) 737-6776
Name	Jeffrey A. Wyand, Reg. No. 29,458	
Signature		
Date	March 31, 2004	

Reissue Transmittal (Revised 10/1/03)

**PATENT**  
Attorney Docket No. 402973

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

KAISER et al.

Re-issue of U.S. Patent No. 6,578,378

Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: March 31, 2004

For: PROCESS AND INSTALLATION FOR  
RECOVERY AND PURIFICATION OF  
ETHYLENE PRODUCED BY PYROLYSIS  
OF HYDROCARBONS, AND GASES  
OBTAINED BY THIS PROCESS

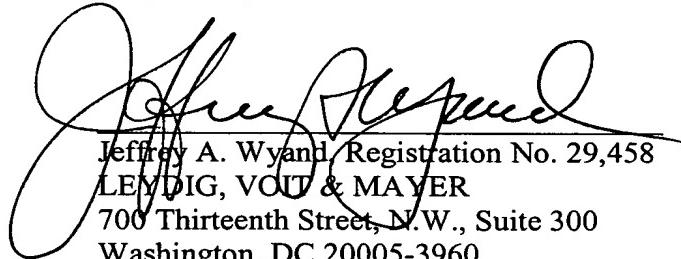
**LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The attached re-issue patent application is filed to obtain, for the issued patent, a priority claim to a French patent application. The priority claim was not granted due to the failure to file the priority document pursuant to 37 CFR 1.55.

Respectfully submitted,



Jeffrey A. Wyand, Registration No. 29,458  
LEYDIG, VOLLMER & MAYER  
700 Thirteenth Street, N.W., Suite 300  
Washington, DC 20005-3960  
(202) 737-6770 (telephone)  
(202) 737-6776 (facsimile)

Date: March 31, 2004  
JAW:ves

PATENT  
Attorney Docket No. 402973

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

KAISER et al.

Re-issue of U.S. Patent No. 6,578,378

Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: March 31, 2004

For: PROCESS AND INSTALLATION FOR  
RECOVERY AND PURIFICATION OF  
ETHYLENE PRODUCED BY PYROLYSIS  
OF HYDROCARBONS, AND GASES  
OBTAINED BY THIS PROCESS

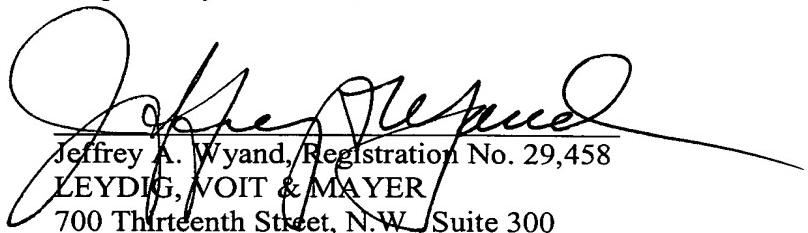
**OFFER OF SURRENDER OF ORIGINAL LETTERS PATENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.178, the patentee will surrender the original Letters Patent upon an indication of allowability of this re-issue patent application.

Respectfully submitted,

  
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Date: March 31, 2004  
JAW:ves